Biology (Warm-up) 10-11-10

1. Use a Venn diagram to indicate the differences and similarities between DNA and RNA.
2. Draw any nucleotide.
3. Draw the two purines. (Do not include the phosphate and sugar.)
4. Draw the two pyrimidines. (Do not include the phosphate and sugar.)
5. Use a diagram to illustrate DNA replication during mitosis.
6. What is the pentose sugar found in DNA?
7. Please write the complimentary bases for the following strand of DNA:

T A G A C A G G T C A G T A A

1. Please write the strand of m-RNA produced from the above strand of DNA.
2. Please write the names of the amino acids coded for by the codons on m-RNA.

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